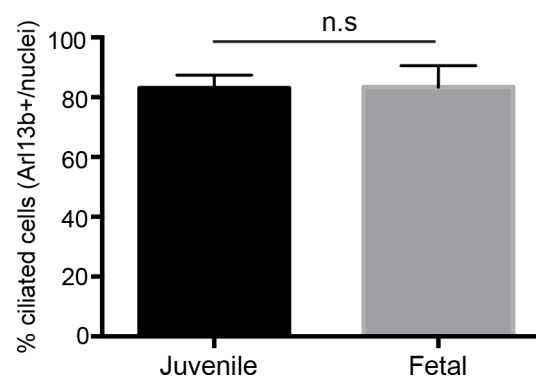


## SUPPLEMENTARY INFORMATION

Mutations in human C2CD3 cause skeletal dysplasia and provide new insights into phenotypic and cellular consequences of altered C2CD3 function

Claudio R Cortés, Aideen M McInerney-Leo, Ida Vogel, Maria C. Rondón Galeano, Paul J Leo, Jessica E Harris, Lisa K Anderson, Patricia A Keith, Matthew A Brown, Mette Ramsing, Emma L Duncan, Andreas Zankl and Carol Wicking



**Supplementary Fig. 1. Cultured juvenile and fetal fibroblasts display the same ability to ciliate following serum starvation.**

The percentage of cells harboring a primary cilium was calculated by assessing Arl13b stained cilia relative to DAPI positive nuclei in cultures of normal human juvenile dermal fibroblasts (NHDF) and those derived from a 14-week fetus with a non-ciliopathy disease (fetal akinesia). This demonstrates that ciliogenesis is not overtly affected by gestational stage/age. n.s., not significant, error bars show SEM.